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PTO/SB/21 (modified)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

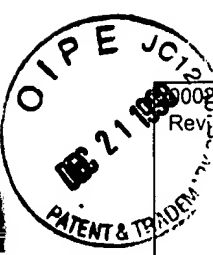
0001/PTO Rev. 10/98 PATENT & TRADEMARK OFFICE		U.S. Department of Commerce Patent and Trademark Office	
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	09/083,769
		Filing Date	May 22, 1998
		First Named Inventor	Gerard McGoogan
		Group Art Unit Number	2831
		Examiner Name	Unknown
Total Number of Pages in This Submission	9	Attorney Docket Number	3454

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & PTO-1595 <input type="checkbox"/> Declaration <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [ ] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input checked="" type="checkbox"/> Letter to Chief Draftsperson <input checked="" type="checkbox"/> Formal Drawing(s): [ 5 ] Sheet(s) of Figure(s) [1-9] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
REMARKS:	

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DEC 24 1998  
GROUP 2100

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Greg T. Sueoka / Reg. No.: 33,800	Dated:	December 16, 1998

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Greg T. Sueoka	Dated:	December 16, 1998
Express Mail Mailing Number (optional):			



0002/PTO(modified)  
Rev. 10/95  
U.S. Department of Commerce  
Patent and Trademark Office

**FEE TRANSMITTAL**

**TOTAL AMOUNT OF PAYMENT**

Subtotal (1) + Subtotal (2) + Subtotal (3) = **(\$0)**

Complete if Known	
Application Number	09/083,769
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METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																									
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 or credit any over payments to the below mentioned deposit account. <sup>†</sup>  <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.  Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP  A Duplicate Copy of this authorization is attached  <b>2. <input type="checkbox"/> Payment Enclosed:</b> [ ] Check [ ] Other		<b>3. ADDITIONAL FEES</b> <table><thead><tr><th>Large Entity Fee Code/Fee</th><th>Small Entity Fee Code/Fee</th><th>Fee Description</th><th>Fee Due</th></tr></thead><tbody><tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="checkbox"/></td></tr><tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="checkbox"/></td></tr><tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="checkbox"/></td></tr><tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td><input type="checkbox"/></td></tr><tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month<sup>†</sup></td><td><input type="checkbox"/></td></tr><tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month<sup>†</sup></td><td><input type="checkbox"/></td></tr><tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month<sup>†</sup></td><td><input type="checkbox"/></td></tr><tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month<sup>†</sup></td><td><input type="checkbox"/></td></tr><tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td><input type="checkbox"/></td></tr><tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td><input type="checkbox"/></td></tr><tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="checkbox"/></td></tr><tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td><input type="checkbox"/></td></tr><tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="checkbox"/></td></tr><tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td><input type="checkbox"/></td></tr><tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td><input type="checkbox"/></td></tr><tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="checkbox"/></td></tr><tr><td>146/\$760</td><td>246/\$380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="checkbox"/></td></tr><tr><td>149/\$760</td><td>249/\$380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="checkbox"/></td></tr><tr><td colspan="2">Other fee (specify):</td><td><input type="checkbox"/></td><td></td></tr><tr><td colspan="2">Other fee (specify):</td><td><input type="checkbox"/></td><td></td></tr><tr><td colspan="2"><b>SUBTOTAL (3)</b></td><td><b>(\$0)</b></td><td></td></tr></tbody></table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="checkbox"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="checkbox"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="checkbox"/>	115/\$110	215/\$55	Extension for response within first month <sup>†</sup>	<input type="checkbox"/>	116/\$380	216/\$190	Extension for response within second month <sup>†</sup>	<input type="checkbox"/>	117/\$870	217/\$435	Extension for response within third month <sup>†</sup>	<input type="checkbox"/>	118/\$1,360	218/\$680	Extension for response within fourth month <sup>†</sup>	<input type="checkbox"/>	128/\$1,850	228/\$925	Extension for response within fifth month <sup>†</sup>	<input type="checkbox"/>	119/\$300	219/\$150	Notice of Appeal	<input type="checkbox"/>	141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="checkbox"/>	142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="checkbox"/>	143/\$430	243/\$215	Design Issue Fee	<input type="checkbox"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="checkbox"/>	123/\$50	123/\$50	Petitions related to provisional applications	<input type="checkbox"/>	126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="checkbox"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="checkbox"/>	146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="checkbox"/>	149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="checkbox"/>	Other fee (specify):		<input type="checkbox"/>		Other fee (specify):		<input type="checkbox"/>		<b>SUBTOTAL (3)</b>		<b>(\$0)</b>	
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GROUP 2100

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Greg T. Sueoka	Reg. Number	33,800
Signature		Date	December 16, 1998

<sup>†</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



PATENT

#5

## IN THE UNITED STATES

## PATENT AND TRADEMARK OFFICE

APPLICANT: Gerard McGoogan  
SERIAL NO.: 09/083,769  
FILING DATE: May 22, 1998  
TITLE: Improvements In Intrinsically Safe Circuits  
EXAMINER: Unknown  
GROUP ART UNIT: 2831  
ATTY. DKT. NO.: 3454

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated: 16 Dec 1998By: [Signature]

Greg T. Sueoka, Reg. No.: 33,800

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, DC. 20231

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DEC 24 1998

## LETTER TO THE CHIEF DRAFTSPERSON

GROUP 2100

SIR:

Please substitute the enclosed 5 sheets of formal drawings containing Figures 1-9 for the 5 sheets of drawings containing Figures 1-9 previously submitted.

Respectfully submitted,  
GERARD MCGOOGAN

Dated: 16 Dec 1998By: [Signature]

Greg T. Sueoka, Reg. No: 33,800

Fenwick &amp; West LLP

Two Palo Alto Square

Palo Alto, CA 94306

Tel.: (650) 858-7194

Fax.: (650) 494-1417